

FILE NOTATIONS

Entered in MID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

PMB
4-21-72

COMPLETION DATA:

Date Well Completed

W..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-8446	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401			8. FARM OR LEASE NAME USA Acres	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 560' FWL & 560' FWL, Section 18, T-36S, R-6E At proposed prod. zone Same			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 28 miles southeast of Escalante, Utah			10. FIELD AND POOL, OR WELDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 560'			11. SEC., T., R., M. OR BLM. AND SURVEY OR AREA Section 18, T-36-S, R-6-E	
16. NO. OF ACRES IN LEASE 2529.56			12. COUNTY OR PARISH 13. STATE Garfield Utah	
17. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETION OR APPLIED FOR, ON THIS LEASE, FT. No other wells on lease			17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. PROPOSED DEPTH 3000'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5292' Gr.			22. APPROX. DATE WORK WILL START*	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	415'	200 cu. ft.
8-3/4"	5-1/2"	14#	3000'	800 cu. ft.

Propose to drill to 3000' and test Timpoveap and Kaibab Dolomite. Completion will be based on open hole logs and DST results. Copies of logs and DST results will be furnished upon reaching total depth. Copies of location plat are attached. Blowout preventer will be hydraulically operated with a minimum 3000# WP (6000# test). Blowout preventer will be tested once each trip.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>J. Arnold Snell</u> TITLE <u>Area Engineer</u> DATE <u>April 18, 1972</u>	
(This space for Federal or State office use)	
PERMIT NO. <u>43-017-30053</u>	APPROVAL DATE
APPROVED BY	TITLE
CONDITIONS OF APPROVAL, IF ANY:	

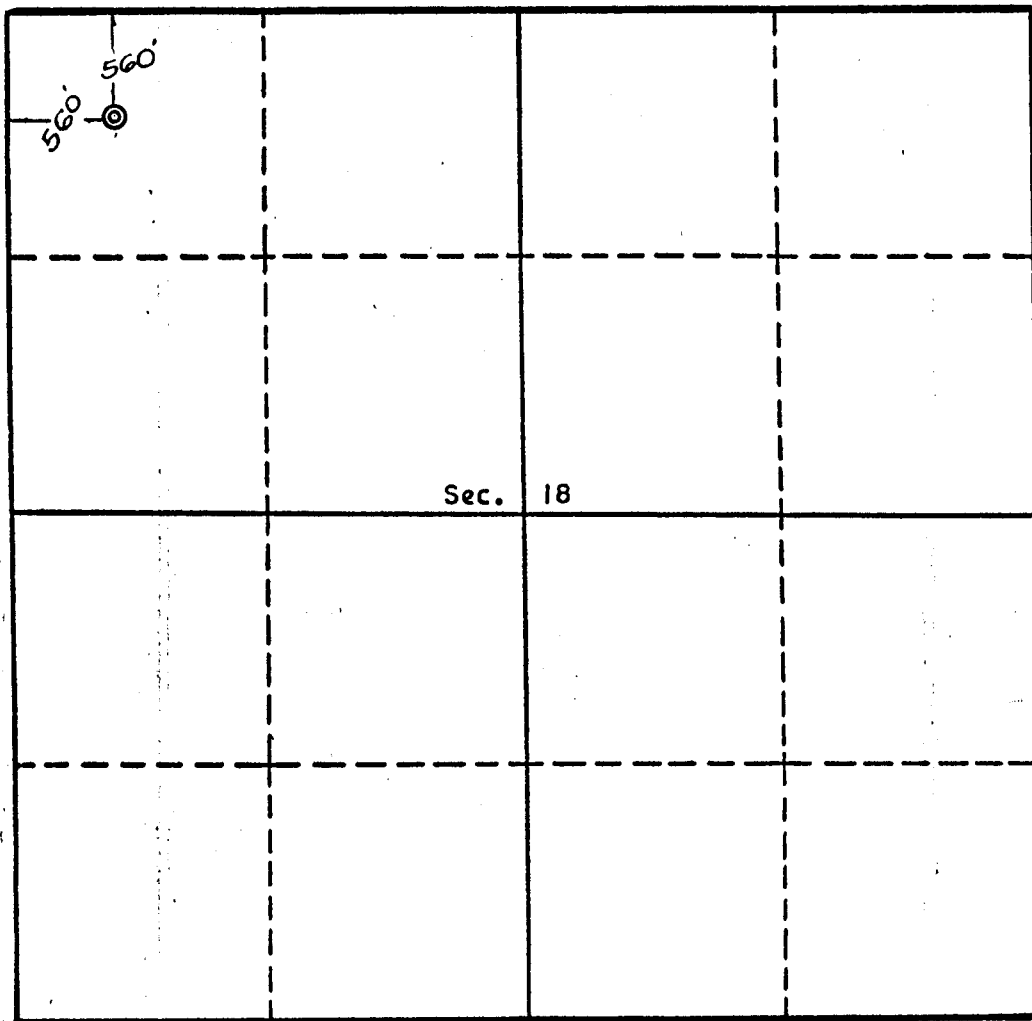
Company AMOCO PRODUCTION COMPANY

Well Name & No. USA Amoco "H" No. 1

Location 560 feet from the North line and 560 feet from the West line.

Sec. 18, T. 36 S., R. 6 E., S. L. M., County Garfield, Utah

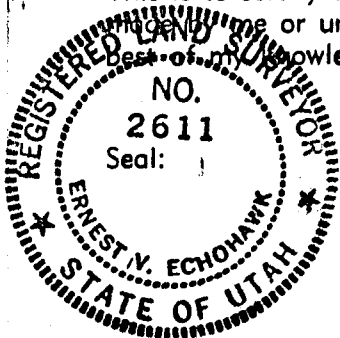
Ground Elevation 5292



Scale, 1 inch = 1,000 feet

Surveyed April 17, 1972

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

April 21, 1972

AMOCO Production Company
501 Airport Drive
Farmington, New Mexico 87401

Re: USA Amoco "H" No. 1
Sec. 18, T. 36 S, R. 6 E,
Garfield County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: (801) 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing this form will be greatly appreciated.

The API number assigned to this well is 43-017-30053.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
cc: U.S. Geological Survey



Amoco Production Company

Security Life Building
Denver, Colorado 80202

Put in H&E file MB

May 9, 1972

File: VDP-202-986.511

Mr. Cleon B. Feight, Director (6)
Oil and Gas Conservation Board
Utah Department of Natural Resources
Division of Oil and Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Re: Application for Well Location Exception, USA Amoco "H"
Well No. 1, Garfield County, Utah

We request by this application your administrative approval to drill an exploratory well, USA Amoco "H" No. 1, at a location 330' FNL and 160' FWL of Section 18, T36S-R6E, as an exception to the requirements of Utah Rule C-3, General Well Spacing.

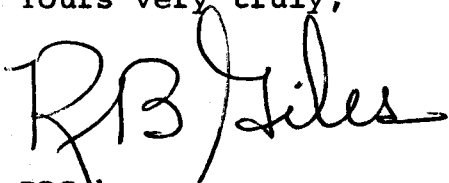
Amoco had planned to drill USA Amoco "H" No. 1 at a location that would comply with the 500' setback requirement of General Rule C-3. The Bureau of Land Management wrote our Farmington Area suggesting we move our location several hundred feet to the north because the original site could significantly scar and alter scenic aspects of a rock formation. The new unorthodox location, 330' FNL and 160' FWL of Section 18, is a satisfactory site with Amoco both as to terrain and geologically since the proposed drilling of this well is an exploratory venture.

The ownership of all contiguous and cornering quarter quarter sections is common as shown on the enclosed plat. The leasehold interest is held solely by Amoco. The mineral ownership is held by the USA.

Mr. Cleon B. Feight
May 4, 1972
Page 2

If you concur with the new site as a proper location exception, then all the requirements of Rule C-3 would seem to be met and your administrative approval could be provided without notice and hearing.

Yours very truly,

A handwritten signature in cursive script, appearing to read "R. B. Giles". The signature is written in dark ink and is positioned below the typed name "R. B. Giles".

RBG:ka

Attachments

cc: Mr. Fred P. Howard
District Office
Bureau of Land Management
Kanab, Utah 84741

Mr. Gerald P. Daniels
District Engineer
United States Geological Survey
8416 Federal Building
125 South State Street
Salt Lake City, Utah 84111

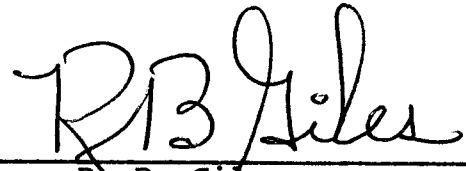
L. O. Speer, Jr. - Farmington
T. J. Files - Building
Ben Baldwin - Building

VERIFICATION AND AFFIDAVIT

STATE OF COLORADO)
 : SS
COUNTY OF DENVER)

R. B. GILES, of lawful age, being first duly sworn on his oath deposes and says:

That he is employed in an engineering capacity by Amoco Production Company in its Denver, Colorado office; that Amoco Production Company's application for a well location exception, USA Amoco "H" Well No. 1, Garfield County, Utah, was prepared under his direction and supervision; that the matters and things therein set forth are true and correct to the best of his knowledge and belief.



R. B. Giles

Subscribed and sworn to before me on this 4th day of May, 1972.


Kathleen L. Allison
Notary Public

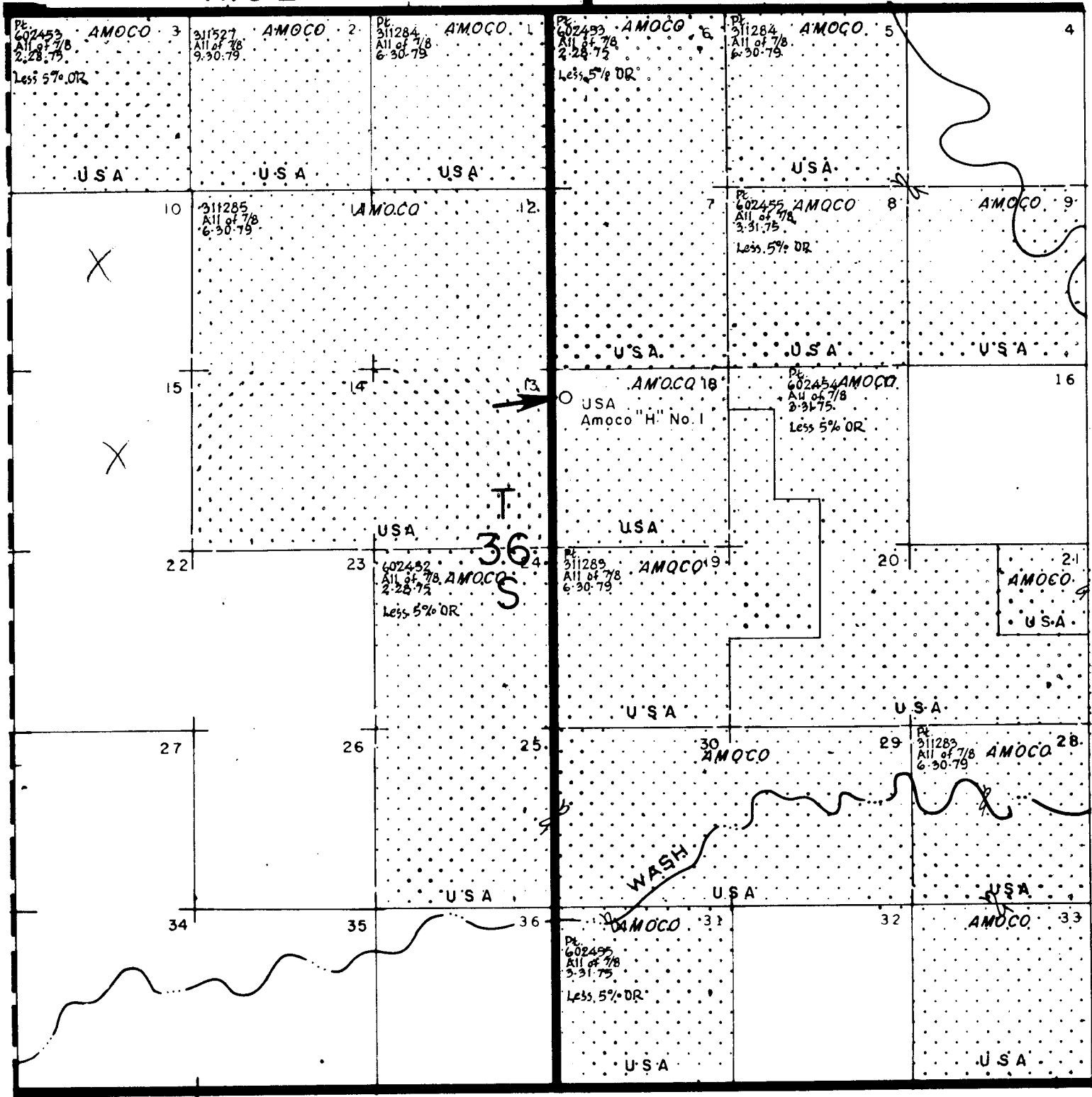
My Commission expires July 24, 1974.

PLAT , ACCOMPANY APPLICATION JR LOCATION EXCEPTION

U.S.A. AMOCO "H" NO. 1
200' FNL, 100' FWL
SEC. 18 - T36S - R6E
GARFIELD COUNTY, UTAH

R.5E

R.6E



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐

OTHER

Wildcat

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

AMSCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

330' FWL & 160' FWL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

28 miles southeast of Escalante, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. unit line, if any)

160'

16. NO. OF ACRES IN LEASE

2529.56

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

No other

wells on lease

19. PROPOSED DEPTH

3000'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5275' Gr.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#	415'	200 wt., circ.
8-3/4"	5-1/2"	14#	3000'	800 wt.

Upon request of Bureau of Land Management the location of the above mentioned well was moved from 560' FWL and 560' FWL, Section 18, T-36-S, R-4-E, as shown on Form 9-331C of April 18, 1972, to the above shown location. Proposed depth is 3000' to test the Timponeap and Kaibab Dolomites. Completion will be based on open hole logs and DST results. Copies of logs and DST results will be furnished upon reaching TD. Copies of the new Location Plat are attached. Blowout preventer will be hydraulically operated with a minimum 3000# WP (6000# test). Blowout preventer will be tested once each trip.

Approval of the unorthodox location was verbally approved May 18, 1972 by the State of Utah Oil and Gas Commission.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 5-15-72

BY *Clm R. Feght*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Original Signed by

J. ARNOLD SNELL

SIGNED

TITLE

Area Engineer

DATE May 18, 1972

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

AD

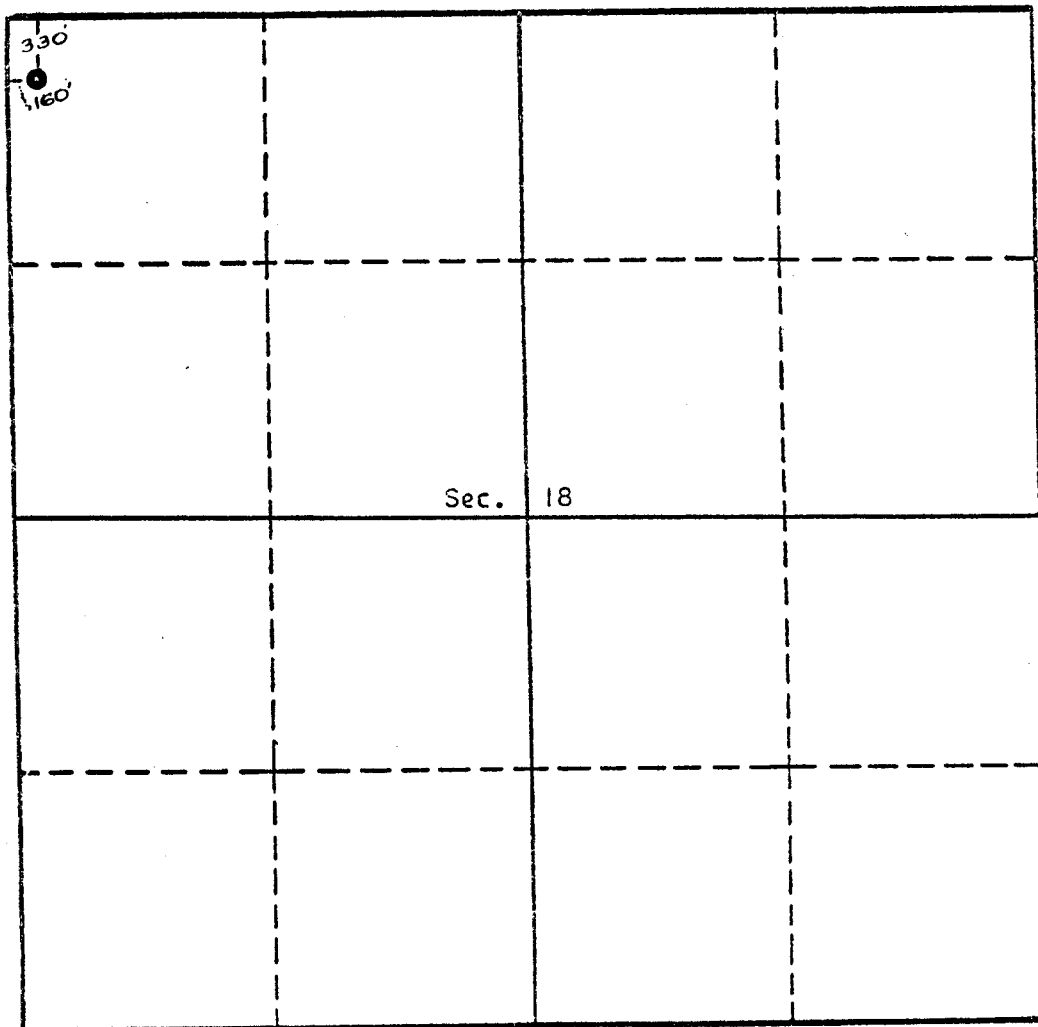
Company Amoco Production Company

Well Name & No. U. S. A. Amoco H-1

Location 330 feet from the North line and 160 feet from the West line.

Sec. 18, T. 36 S., R. 6 E., S. L. M., County Garfield, Utah

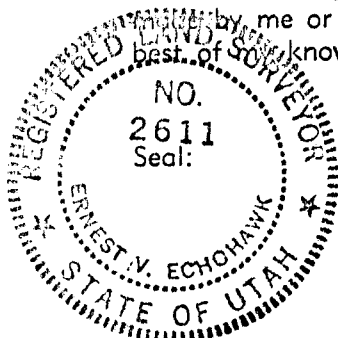
Ground Elevation 5275



Scale, 1 inch = 1,000 feet

Surveyed May 9, 19 72

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



E. V. Echohawk
Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

4

MB

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

May 26, 1972

Mr. J. Arnold Snell
AMOCO Production Company
501 Airport Drive
Farmington, New Mexico 87401

Re: Well No. USA AMOCO "H"
NW1/4 sec. 18-36S-6E, SLM
Garfield County, Utah
Oil and Gas lease U 8446

Dear Mr. Snell:

Enclosed is your copy of the Application for Permit to Drill the referenced well which was approved effective May 23, 1972. The approved location is 330' FNL and 160' FWL sec. 18. All three copies of your Application showing the location as 560' FNL and 560' FWL sec. 18 are returned herewith with no action taken thereon.

Approval of your Application constitutes written consent required by 30 CFR 221.20 inasmuch as the well location is less than 200 feet from the exterior boundary of the lease. We note that the surrounding sections are non-competitive public domain oil and gas leases owned by AMOCO Production Company. In the event the subject well results in a valuable discovery of hydrocarbons, consideration must be given to establishment of a more equitable drainage pattern.

Please note that the general stipulation, KDO-3000-1, executed 5-11-72 by L.O. Spear provides in the second paragraph "... and then comply with the regulations contained in 43 CFR 23". Also, please note 43 CFR 23.2(b) which provides:

"The regulations in this part do not cover the exploration for oil and gas or the issuance of leases, or operations thereunder, for oil and gas under the mineral leasing acts, ..."

Also, please refer to paragraph 14 (c) of the general stipulation. The ordinary approval of the plugging procedure is to be obtained from the District Engineer, U.S.G.S., rather than from the District Manager, B.L.M., as required

by the cited paragraph. Of course, we will expect AMOCO to note, report, and protect any fresh water zones encountered in line with your usual outstanding cooperation in these matters.

Sincerely,

(ORIG. 82-111111-100)

Gerald R. Daniels,
District Engineer

cc: State Div. O&G Cons. ✓
BLM, Kanab
BLM, Escalante
Casper

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-8446

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

U.S.A. Amoco "H"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat11. SEC., T., R., M., OR B.L. AND
SURVEY OR AREA**Section 18,****T-36-S, R-6-N**

12. COUNTY OR PARISH

Garfield

13. STATE

Utah1. OIL WELL ☐ GAS WELL ☐ OTHER **Wildcat**

2. NAME OF OPERATOR

AMOCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, New Mexico 874014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface**330' FWL & 160' FWL**

14. PERMIT NO.

API #43-017-30053

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5275' Gr.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐**Spud & set casing** ☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The water holes for the drilling of the U.S.A. Amoco "H" No. 1 were commenced 5-22-72 and completed 5-24-72 and the location was plated with red shale. At 1:00 a.m. on 5-28-72 a 12-1/4" hole was spudded and drilled to 410'. The 9-5/8" casing was set at 409' with 300 sacks Type "C" cement with 2% CaCl₂ and the cement circulated. Waited on the cement to set 4 hours. Nippled up blowout preventer and tested casing, blowout preventer and pipe rams with 1000 pounds for 30 minutes OK. The hole was reduced to 8-3/4" at 409' and drilling resumed.

18. I hereby certify that the foregoing is true and correct

SIGNED Original Signed by
J. ARNOLD SNELLTITLE Area EngineerDATE June 6, 1972

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. U-8446	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330' FNL & 160' FWL		8. FARM OR LEASE NAME U.S.A. Amoco "H"	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5275' Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 18, T-36-S, R-6-E	
		12. COUNTY OR PARISH Garfield	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Drill Stem Testing	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A tri-core slicer was run over intervals 2180-83, 2195-98, 2198-2201, 2256-59, 2280-83, 2287-90, 2502-05, and 2505-08!

Drill stem tests were taken on the U.S.A. Amoco "H" No. 1 as follows:

DST No. 1 - 2155-2207'. Recovered 910' brackish water with no show. Tool open 3 hours, weak blow increasing to a strong blow after 10 min. gradually decreasing to very weak blow after tool open 1-1/2 hours with light blow remainder of test. 10 min. IFP 13-53 psi, 1 hr. ISIBHP 566 psi, 3 hr. FBHP 53-582 psi, 90 min. FSIBHP 540 psi. Bottom hole temperature 73°.

DST No. 2 - 2479-2533'. Recovered 15' drilling mud with no show. Tool open 1-1/2 hours with a weak blow for 35 min. and died. Hydrostatic pressure in 1195 psi, 10 min. IFP 13.4 psi, 1 hr. ISIBHP 772 psi, 1-1/2 hr. FP 13-27 psi, 1-1/2 hr. FSIBHP 107 psi, hydrostatic pressure out 1195 psi. Bottom hole temperature 84°.

DST No. 3 - 2248-2300'. Recovered 1335' water with no show. Tool open 3 hours with a strong blow, gradually decreasing and dead after 1-1/2 hours. Hydrostatic pressure in 1086, 10 min. IBHPF 80-266 psi, 1 hr. ISIBHP 637 psi, 3 hr. BHPF 293-611 psi, hydrostatic out 1086 psi. 1-1/2 hr. FSIBHP 637 psi.

18. I hereby certify that the foregoing is true and correct

SIGNED L.O. Spivey TITLE Area Superintendent DATE June 19, 1972

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. U-8446	
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330' FNL & 160' FWL		8. FARM OR LEASE NAME U.S.A. Amoco "H"	
14. PERMIT NO.		9. WELL NO. 1	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5275' Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 18, T-36-S, R-6-E	
		12. COUNTY OR PARISH Garfield	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Due to the failure to find commercial hydrocarbon production in the above well we permanently abandoned it as follows:

1. Spotted 50 sacks cement 2350-2500'.
2. Spotted 100 sacks cement 2300-2100'.
3. Spotted 50 sacks cement 1650-1500'.
4. Spotted 50 sacks cement 485-335'.
5. Spotted 10 sacks cement 30' to surface.
6. Cut off wellhead and erected plug and abandonment marker.

Verbal approval to plug and abandon received from Mr. Gerald Daniels, U.S.G.S.
District Engineer, by telephone to Mr. P. C. Ellison on June 16, 1972.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Area Superintendent

DATE

June 19, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <u>Dry Hole</u>
2. NAME OF OPERATOR AMCO PRODUCTION COMPANY							
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 330' FWL & 160' FWL, Section 18, T-36-S, R-6-E At top prod. interval reported below Same At total depth Same							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 5-28-72				16. DATE T.D. REACHED 6-15-72		17. DATE COMPL. (Ready to prod.) 6-17-72 (FXA)	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3275' Gr.				19. ELEV. CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 3011'		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS O-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dry Hole						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric, Dipmeter, Sonic Camera, SNF Camera						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE 9-5/8"	WEIGHT, LB./FT. 36#	DEPTH SET (MD) 409'	HOLE SIZE 12-1/4"	CEMENTING RECORD 300 sx.		AMOUNT PULLED None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Dry Hole				WELL STATUS (Producing or shut-in) Abandoned	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED R.O. [Signature]		TITLE Area Superintendent			DATE June 19, 1972		

*(See Instructions and Spaces for Additional Data on Reverse Side)

PW

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Backs Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Core slicker was run	2180-83	2195-98	2198-2201, 2256-59, 2280-83, 2287-90, 2502-05, 2505-08.
DST NO. 1 -	2155-2207'	Tool open 3 hr. Recovered 910' brackish water with no show of oil. 1 hr. ISIBHP 566 psi, 3 hr. FBHP 53-582 psi, 90 min. FSIBHP 540 psi at 73°.	
DST NO. 2 -	2479-2533'	Tool open 1-1/2 hr. Recovered 15' drilling mud. No show oil. Hydrostatic in 1195 psi, 10 min. IFT 13.4 psi, 1 hr. ISIBHP 772 psi, 1-1/2 hr. FSIBHP 107 psi at 84°.	
DST NO. 3 -	2248-2300'	Tool open 3 hr. Recovered 1335' water. No show oil. 3 hr. BHFP 293-611 psi, 1 hr. ISIBHP 637 psi, 1-1/2 hr. FSIBHP 637 psi.	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE WEST DEPTH
Navajo	Surface		
Kayenta	424'		
Chinle	1025'		
Shinarump	1576'		
Hogakopi	1732'		
Timpoveap	2170'		
Kaibab	2250'		
White Rim	2300'		
Toroweap	2462'		
Cedar Mesa	2990'		

44-2072